

## PATENT ABSTRACTS OF JAPAN

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**(54) PRODUCTION OF ALKALINE METAL SALT OF HYDROXYAROMATIC COMPOUND**

(57)Abstract:

PURPOSE: To obtain the titled substance having low water content, by heating an aqueous mixture solution containing a hydroxyaromatic compound and alkaline metal hydroxide and reducing pressure while stirring to afford crystalline slurry and raising the temperature while carrying out the second stage reduced pressure to remove water content.

CONSTITUTION: An aqueous mixture solution containing a hydroxyaromatic compound and alkaline metal hydroxide (preferably 40W60wt% aqueous solution) is charged into a reactor and heated to  $\geq 80^{\circ}\text{C}$  (preferably 100W120°C) while stirring and the first stage reduced pressure (reduced pressure of 500W300 Torr) is carried out to give a crystalline slurry having water of crystallization and temperature is raised to 130W150°C while carrying the second stage reduced pressure (reduced pressure of 150W20 Torr) in order to remove water content to provide an anhydrous alkaline metal salt having  $\leq 1.0\text{wt\%}$  water content. The titled substance having low water content is obtained in short time by the above-mentioned method in which any organic solvent is not used.

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